AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 31 and 32 are canceled.

1.(original) A fuel oil additive which comprises an oil-soluble metal salt of organic acid of a general for-mula MR, where R is an organic acid radical and the corresponding organic acid is a C₁ – C₄₀ saturated or unsaturated fatty acid or polybasic carboxylic acid, naphthenic acid, aromatic acid or alkylphenol, M is a metal cation, metal complex ion or metal clathrate compound ion, and the corresponding metal is an alkali metal, alkali-earth metal, rare-earth metal, transition metal selected from zinc or titanium or main group metal selected from metal aluminum, gallium, germanium, indium, tin or antimony.

- 2.(original) A fuel oil additive as claimed in Claim 1, wherein the organic acid is a $C_1 C_{25}$ saturated or unsaturated fatty acid, naphthenic acid, aromatic acid or alkylphenol.
- 3.(original) A fuel oil additive as claimed in Claim 2, wherein the organic acid is a $C_1 C_{10}$ saturated or unsaturated fatty acid, naphthenic acid, aromatic acid or alkylphenol.

4.(currently amended) A fuel oil additive as claimed in Claim 1, wherein the said organic acid is a saturated or unsatu-rated fatty acid or naphthenic acid.alkali-metal is lithium, sodium, potas-sium, rubidium or cesium, and the corresponding cation is a monovalent ion.

5.(currently amended) A fuel oil additive as claimed in Claim 1, wherein the said metal is lithium, sodium, potassium, rubidium or cesium, and the corresponding cation is a monovalent ion alkali earth metal is beryllium, magnesium, calcium, strontium or barium, and the corresponding cation is a divalent ion.

6.(currently amended) A fuel oil additive as claimed in Claim 1, wherein the said alkali-earth metal is lithium, sodium, potassium, rubidium or cesium, and the corresponding cation is a monovalent ion.rear-earth metal is scandium, yttrium, lanthanum, cerium, praseodymium, neodymium, promethium, samarium, europium, gadolinium, terbium, dysprosium, holmium, erbium, thulium, ytterbium or lutetium, and the corresponding cation is a trivalent or tetravalent ion.

7.(currently amended) A fuel oil additive as claimed in Claim 61, wherein the said rear-earth metal is scandium, yttrium, lanthanum, cerium or neodymium, promethium, samarium, europium, gadolinium, terbium, dysprosium, holmium, erbium,

thulium, ytterbium or lutetium, and the corresponding cation is a trivalent or tetravalent ion..

8.(currently amended) A fuel oil additive as claimed in Claim 47, wherein the said rear-earth metal is scandium, yttrium, lanthanum, cerium or neodymium.transition metal is titanium, zirco-nium, hafnium, niobium, tantalum, molybdenum, tungsten, ruthenium, osmium, cobalt, rhodium, iridium, nickel, palladium, platinum, silver, gold or zinc, and the corresponding cation is a mono-valent, divalent, trivalent or tetravalent ion.

9.(currently amended) A fuel oil additive as claimed in Claim 81, wherein the said metal is aluminum, gallium, germa-nium, indium, tin or antimony, and the corresponding cation is trivalent, tetravalent or pentavalent ion.transition metal is titanium, cobalt, nickel or zinc.

10.(currently amended) A fuel oil additive as claimed in Claim 1, which comprises one or more of said oil-soluble metal salts of organic acids wherein the metal is aluminum, gallium, germa-nium, indium, tin or antimony, and the corresponding cation is a trivalent, tetravalent or pentava-lent ion.

11.(currently amended) A fuel oil additive as claimed in Claim 1, which also comprises an alcohol, ether, ketone, phenol, hydrocarbon, aldehyde or nitrogencontaining compounds.one or more of the oil-soluble metal salts of organic acids.

12.(currently amended) A fuel oil additive as claimed in Claim 1, wherein the aforesaid metal salt of organic acid originates from a saturated or unsaturated fatty acid or a compound formed by a naphthenic acid and an alkali metal cation or an alkali-earth metal cation which also comprises an alcohol, ether, ketone, phenol, hydrocarbon, ester, aldehyde or nitrogen containing compounds.

13.(currently amended) A fuel oil additive as claimed in Claim 1, which includes a gasoline additive, diesel oil additive, kerosene additive, heavy oil additive and a resid additive any of the claims, wherein the aforesaid metal salt of organic acid originates from a saturated or unsaturated fatty acid or a compound formed by a naphthenic acid and an alkali metal cation or an alkali-earth metal cation.

14.(currently amended) A fuel oil additive as claimed in <u>Claim 12</u>, which includes a gasoline additive, diesel oil additive, kerosene additive, a heavy oil additive and resid additive, any of the claims, which includes a gasoline additive, diesel oil additive, kerosene, heavy oil additive and resid additive.

15.(currently amended) Uses of a fuel oil additive as claimed in <u>Claim 1 as</u> gasoline antiknock agent, fuel oil cleaning agent, fuel oil antifriction agent or fuel oil anticorrosion additive.

any of the Claims 1—13 as gasoline antiknock agent, fuel oil cleaning agent, fuel oil antifriction agent or fuel oil anticorrosion additive.

16.(currently amended) A gasoline antiknock agent which comprises an oilsoluble metal salt of organic acid of a general formula MR, where R is an organic acid radical and the corresponding organic acid is a $C_1 - C_{40}$ saturated or unsaturated fatty acid or polybasic carboxylic acid, naphthenic acid, aromatic acid or alkylphenol, M is a metal cation, a metal complex ion or a metal clathrate compound ion, and the corresponding metal is an alkali metal, alkali-earth metal, rare-earth metal, transition metal selected from zinc or titanium or main group metal selected from metal aluminum, gallium, germanium, indium, tin or antimony.

17.(currently amended) A gasoline antiknock agent as claimed in Claim 16, wherein the <u>said</u> organic acid is a $C_1 - C_{20}$ saturated or unsaturated fatty acid, naphthenic acid, aromatic acid or alkylphenol.

18.(currently amended) A gasoline antiknock agent as claimed in Claim 17, wherein the <u>said</u> organic acid is a $C_1 - C_{10}$ saturated or unsaturated fatty acid, a naphthenic acid, an aromatic acid or an alkylphenol.

19.(currently amended) A gasoline antiknock agent as claimed in Claim 16–18, wherein the <u>said</u> organic acid is a saturated or unsaturated fatty acid or naphthenic acid.

20.(currently amended) A gasoline antiknock agent as claimed in Claim 16, wherein the <u>said</u> alkali metal is lithium, sodium, potassium, rubidium or cesium, and the corresponding cation is a monovalent ion.

21.(currently amended) A gasoline antiknock agent as claimed in Claim 16, wherein the <u>said</u> alkali-earth metal is beryl-lium, magnesium, calcium, strontium or barium, and the corresponding cation is a divalent ion.

22.(currently amended) A gasoline antiknock agent as claimed in Claim 16, wherein the <u>said</u> rear-earth metal is scan-dium, yttrium, lanthanum, cerium, praseodymium, neodymium, promethium, samarium, europium, gadolinium, terbium, dysprosium, holmium, erbium, thulium, ytterbium or lutetium, and the cor-responding

cation is a trivalent or tetravalent ion (wrong words "divalent or trivalent ion" in the original claim, translator).

23.(currently amended) A gasoline antiknock agent as claimed in Claim 22, wherein the <u>said</u> rear-earth metal is scan-dium, yttrium, lanthanum, cerium or neodymium.

24.(currently amended) A gasoline antiknock agent as claimed in Claim 16, wherein the said metal is aluminum, gal-lium, germanium, indium, tin or antimony, and the corresponding cation is trivalent, tetravalent or pentavalent ion.transition metal is titanium, zirconium, hafnium, niobium, tantalum, molybdenum, tungsten, ruthenium, osmium, cobalt, rhodium, iridium, nickel, palladium, platinum, silver, gold or zinc, and the corresponding cation is a monovalent, divalent, trivalent or tetravalent ion.

25.(currently amended) A gasoline antiknock agent as claimed in Claim 2416, which comprises one or more of said oil-soluble metal salts of organic acids.

wherein the transition metal is tita-nium, cobalt, nickel or zinc.

26.(currently amended) A gasoline antiknock agent as claimed in Claim 16, which also comprises an alcohol, ether, ketone, phenol, hydrocarbon, ester, aldehyde or nitrogen-containing compounds. wherein the metal is aluminum, gal-lium, germanium,

indium, tin or antimony, and the corresponding cation is trivalent, tetravalent or pentavalent ion.

27.(currently amended) A gasoline antiknock agent as claimed in Claim 16, wherein the said metal salt of organic acid originates from a saturated or unsaturated fatty acid or a compound formed by a naphthenic acid and an alkali metal cation or an alkaliearth metal cation. which comprises one or more of the oil-soluble metal salts of organic acids.

28.(currently amended) A <u>fuel oil product, wherein the fuel oil additive</u> gasoline antiknock agent as claimed in Claim 16 is add, and the amount is 0.1 – 15 g of said metal salt of organic acid per liter of a fuel oil., which also comprises an alcohol, ether, ketone, phenol, hydrocarbon, ester, aldehyde or nitrogen-containing compounds.

29.(currently amended) A <u>fuel oil product gasoline antiknock agent</u> as claimed in Claims <u>2816</u>, <u>which is a gasoline product.wherein the metal salt of organic acid</u> originates from a saturated or unsaturated fatty acid or a compound formed by a naphthenic acid and an alkali metal cation or an alkali earth metal cation.

30.(currently amended) A gasoline product, fuel oil product, wherein the gasoline antiknock agent as claimed in Claim 16 is added, and the amount is 0.1 – 15 g of

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said metal salt of organic acid per liter of gasoline. fuel oil additive as claimed in Claim 1 is added, and the amount is 0.1—15 g of the metal salt of organic acid per liter of the fuel oil.